

Notes: Unless Otherwise Specified

Item	ASP P/N	Description	From	To	Connector (From)	Connector (To)	Cable AWG	Make Or Buy
1	04-51362	Harness Assembly, System Power, Main Circuit Breaker	AC Inlet	Circuit Breaker	Quick Disconnect	Quick Disconnect	14	M
2	04-51363	Harness Assembly, AC Power, AC Distribution	Circuit Breaker	AC Distribution	Quick Disconnect	Molex 3 Position	14	M
3	04-51364	Harness Assembly, Earth Ground	AC Inlet	Chassis	Quick Disconnect	Ring Terminal	14	M
4	04-51365	Harness Assembly, Heaters	AC Distribution	Vaporizer, Chamber, Door Heaters	Molex 4 Position	Molex 4 Position	18	M
5	04-51369	Harness Assembly, Valve, Vacuum Control/Oil Return	Interface Board	Vacuum Control Valve	Molex 2 Position	Molex 2 Position	18	M
6	04-51371	Harness Assembly, DC Power, ULCC	Interface Board	ULCC	Molex 10 Position	Molex 10 Position	18	M
7	04-51372	Harness Assembly, System Fan	Interface Board	System Fan	Molex 2 Position	Molded Connector	18	M
8	Removed							
9	04-51374	Harness Assembly, LCD Display	Interface Board	LCD Display	Molex 24 Position	Molex 24 Position	24	M
10	04-51376	Harness Assembly, UV Detector	Interface Board	UV Detector	Molex 4 Position	Molex 4 Position	24	M
11	04-51377	Harness Assembly, Door Lock System	Interface Board	Door Lock Sensor, Door Latch Sensor, Door Lock solenoid	Molex 10 Position	Molex 4+2 Position, Quick Disconnect	18	M
12	04-51378	Harness Assembly, Chassis Ground, Door	Door	Chassis	Ring Terminal, Quick Disconnect	Ring Terminal	14	M
13	04-51381	Harness Assembly, Delivery system	Interface Board	Delivery system	Molex 20 Position	Molex 6+6+4+2+2 Position	24	M
14	66-51383	Cable Assembly, Twin Axial, 1.5 Foot	LFPS2	Feed through	Twin Axial	Twin Axial	22	B
15	66-52137	Cable Assembly, DSub-9 Female To RJ11 Plug	Interface Board	Pressure Transducer 30T	RJ11	DB9 Female	26	B
16	66-52137	Cable Assembly, DSub-9 Female To RJ11 Plug	Interface Board	Pressure Transducer 30T	RJ11	DB9 Female	26	B
17	66-52137	Cable Assembly, DSub-9 Female To RJ11 Plug	Interface Board	Pressure Transducer 200T	RJ11	DB9 Female	26	B
18	66-51385-003/8	Cable Assembly, D-Sub, 15 Position, Shielded, M/F	Interface Board	LFPS2	DB15 Male	DB15 Female	24	B
19	66-51385-006/9	Cable Assembly, D-Sub, 9 Position, Shielded, M/F	Interface Board	Printer	DB9 Male	DB9 Female	24	B
20	66-51385-003/8	Cable Assembly, D-Sub, 15 Position, Shielded, M/F	Interface Board	AC Distribution	DB15 Female	DB15 Male	24	B
21	66-51385-004/5	Cable Assembly, High Density, 15 Position, Shielded, M/M	UCB	LCD Display	HD15 Male	HD15 Male	24	B
22	66-51386	Cable, Flat Flex, 12 Position	Interface Board	Barcode Reader	FFC	FFC	NA	B
23	04-51388	Harness Assembly, Thermal Electric System	Interface Board	Vaporizer/Condenser	Molex 4+8 Position	Molex 2+2+2+2+2+2	22	M
24	04-52146-X-XXX	Cable Extension, Thermistor	Interface Board	Door, Vaporizer, TE and Chamber Thermistors	Molex 3 Position	Molex 3 Position	24	M
25	04-51399	Harness Assembly, AC-Out	AC Distribution	LFPS2, Vacuum Pump, DC Power Supply	Molex 12 Position	IEC-320	18	M
26	107359-01	Cable Adaptor, Surge Suppressor, NX	UV Power Supply	Interface Board	P20	J20	24	B



IRVINE, CALIFORNIA 92618

**SYSTEM INTERCONNECT  
DIAGRAM, STERRAD® NX**

10-10033-0-100

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SCALE: NONE

SHEET 2 OF 3

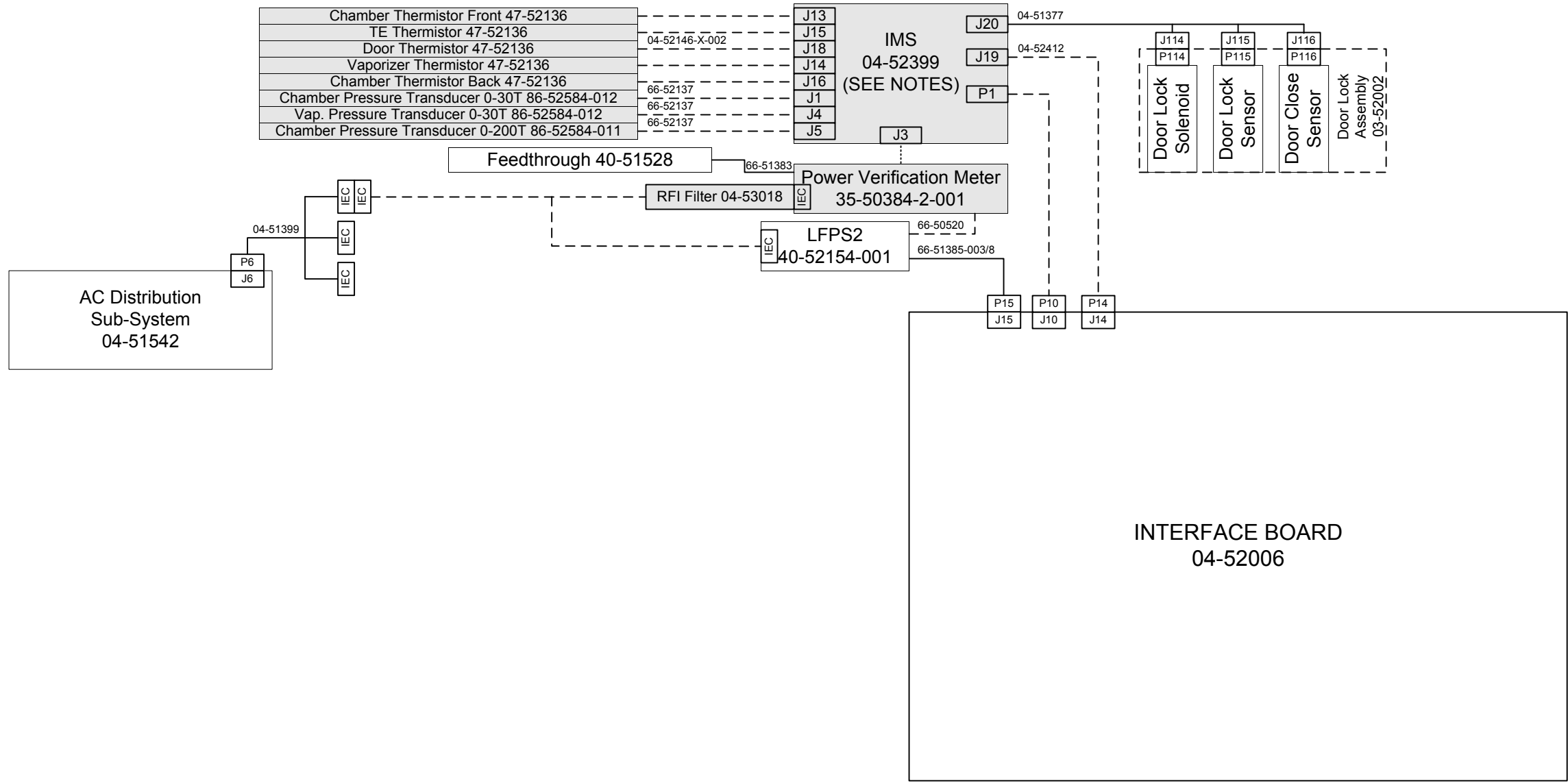
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Notes: Unless Otherwise Specified  
Shaded components and dotted line interconnects  
are parts from the IMS kit.



 IRVINE, CALIFORNIA 92618	
<b>SYSTEM INTERCONNECT DIAGRAM, STERRAD® NX</b>	
<b>10-10033-0-100</b>	<b>K</b>
SCALE: NONE	SHEET 3 OF 3